



NQAC

Nestlé Quality Assurance Center
Dublin

Technical Datasheet

Analysis Name: Enumeration of Coagulase + Staphylococci Petrifilm™

Method Number: LI-00.763

Scope of Application: Raw materials, line, and finished products.

Description: A quantitative method for the enumeration of coagulase-positive staphylococci using the 3M Petrifilm™ Staph Express Count System. Samples are diluted and inoculated on the surface of the petrifilm and incubated at 37 °C for 24 hours. Typical red-violet colonies are then confirmed using the Staph Express Disk.

Sample Weight Required: 25 g

Method Reference: AOAC OM 2003.07, AOAC OM 2003.08, AOAC 2003.11, AFNOR Cert. No.: 3M 01/09-04/03(2003, 2007 and 2011), NordVal Ref. No.: 2003-20-5408-00019, HPFB BMH Volume 3 English MFLP-21 July 2004 EN

Analytical Platform: 3M Petrifilm™

Special Information: Not validated for testing on environmental samples and probiotic samples.

The Staph Express Petrifilm™ may not be applicable in chocolate and cocoa-based food matrices, unless the sample is sufficiently diluted. This is due to the strong coloration of the Petrifilm™ surface area. Additionally, this test is not appropriate for high acid samples and spices.

Analyte Reported	Alias	Unit of Measure	Limit of Quantification	Reproducibility
Coagulase Positive <i>Staphylococcus</i>		Per g	<10 CFU/g	